

Stefania Bandini, Gabriella Cortellessa, Andrea Gorrini and
Filippo Palumbo (Eds.)

Proceedings of the

AI*AAL.it 2018

**The Fourth Italian Workshop on Artificial
Intelligence for Ambient Assisted Living**

Workshop co-located with AI*IA 2018, Trento, Italy,

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Editors' addresses:

Stefania Bandini (<http://www.csai.disco.unimib.it/CSAI/Bandini/>)
Complex Systems & Artificial Intelligence Research Center
Department of Computer Science, Systems and Communication
University of Milano-Bicocca
Viale Sarca 336-U14
20126 Milano (ITALY)
bandini@disco.unimib.it

Gabriella Cortellessa (<http://istc.cnr.it/people/gabriella-cortellessa>)
CNR - Consiglio Nazionale delle Ricerche
Istituto di Scienze e Tecnologie della Cognizione
Via San Martino della Battaglia, 44^[1]_[SEP]
00185 Rome - Italy
gabriella.cortellessa@istc.cnr.it

Andrea Gorrini (<https://www.unimib.it/andrea-gorrini>)
Complex Systems & Artificial Intelligence Research Center
Department of Computer Science, Systems and Communication
University of Milano-Bicocca
Viale Sarca 336-U14
20126 Milano (ITALY)
andrea.gorrini@disco.unimib.it

Filippo Palumbo (<http://www.isti.cnr.it/about/people.php?id=443>)
CNR - Consiglio Nazionale delle Ricerche
Istituto di Scienza e Tecnologie dell'Informazione "Alessandro Faedo"
Area della Ricerca CNR di Pisa
Via G. Moruzzi 1
56124 PISA - Italy
filippo.palumbo@isti.cnr.it

Preface

This volume contains the papers presented at AI*AAL.it 2018, the Fourth Italian Workshop on Artificial Intelligence for Ambient Assisted Living (<http://aiia2018.istc.cnr.it>), held within the 17th International Conference of the Italian Association for Artificial Intelligence (AI*IA 2018), in Trento, Italy, on November 20th-23rd, 2018.

The aim of this series of workshop is to bring together researchers interested in different aspects of Artificial Intelligence for Ambient Assisted Living.

The working group “Artificial Intelligence for Ageing Society” has previously organized several Workshops on Technological Challenges and Scenarios for the Ageing Society in Brescia, Palermo, Torino, Genoa, and Bari to discuss about technological roles and opportunities for Artificial Intelligence in the Ageing Society domain. Capitalizing from these activities, the group is establishing a stable forum on the topic and organized the Fourth Edition of the Italian Workshop on Artificial Intelligence (AI) for Ambient Assisted Living (AAL) with the goal of collecting contributions, ideas and new scientific and technological scenarios, as well as to discuss and disseminate results on Artificial Intelligence for Ambient Assisted Living.

This year, each paper was reviewed by at least two members of the Program Committee of the Workshop, and on the basis of their recommendations, 7 documents have been selected for publication and presentation at AI*AAL.it 2018.

In addition, the workshop was enriched by the valuable participation of Stefania Bandini and Filippo Cavallo as invited speakers.

We thank all members of the AI*AAL Program Committee for their effort in the review process that was fundamental for maintaining the high scientific level of the workshop. We thank the AI*IA council, who trusted us to organize AI*AAL.it 2018, and all the researchers of the AI and AAL community who supported this event by submitting their work and actively participating in it.

February 2019

Stefania Bandini, Gabriella Cortellessa, Andrea Gorrini, and Filippo Palumbo

Workshop Organization

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Filippo Palumbo	ISTI-CNR, Pisa, Italy
Alessandro Umbrico	ISTC-CNR, Roma, Italy
Eloisa Vargiu	Eurecat – BDigital, Spain

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